

Title (en)  
Ink set, method using same, and recording

Title (de)  
Tintensatz, Aufzeichnungsverfahren unter Verwendung desselben und aufgezeichnetes Bild

Title (fr)  
assortiment d'encre, procede d'enregistrement a l'aide de cette derniere et impression

Publication  
**EP 1437391 A1 20040714 (EN)**

Application  
**EP 04007868 A 20001227**

Priority  

- EP 00985969 A 20001227
- JP 37060499 A 19991227
- JP 2000116793 A 20000418
- JP 2000267197 A 20000904

Abstract (en)  
Ink set contains a dark ink composition and a light ink composition which have the same colour but differ in concentration. Both composition contain a pigment as colourant and a resin as dispersant. The ratio (B 1/P 1) of the weight proportion B 1of resin in the dark ink composition and weight proportion P 1of the pigment is less than the ratio (B 2/P 2) of the weight proportion B 2of resin in the light ink composition and weight proportion P 2of the pigment, and B 1and B 2are different. Independent claims are also included for (1) an ink-jet recording method which emits drops of the ink compositions, adheres the drops to the recording medium and performs character printing using the ink set; (2) the recorded material which is recorded by this method; and (3) an ink cartridge which uniformly houses the ink set.

IPC 1-7  
**C09D 11/00**

IPC 8 full level  
**B41J 2/01** (2006.01); **B41M 5/00** (2006.01); **C09D 11/00** (2014.01); **C09D 11/322** (2014.01); **C09D 11/324** (2014.01); **C09D 11/40** (2014.01)

CPC (source: EP US)  
**C09D 11/322** (2013.01 - EP US); **C09D 11/40** (2013.01 - EP US)

Citation (search report)  
No relevant documents disclosed

Cited by  
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**EP 1164173 A1 20011219; EP 1164173 A4 20030226; EP 1164173 B1 20051207**; AT E312146 T1 20051215; AT E386090 T1 20080315; DE 60024600 D1 20060112; DE 60024600 T2 20060629; DE 60038062 D1 20080327; DE 60038062 T2 20080612; EP 1437391 A1 20040714; EP 1437391 B1 20080213; EP 1522563 A1 20050413; JP 2005023325 A 20050127; JP 2005068439 A 20050317; JP 3741273 B2 20060201; JP 4232202 B2 20090304; JP 4273418 B2 20090603; US 2003008938 A1 20030109; US 6924327 B2 20050802; WO 0148100 A1 20010705

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